GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Water Resources Department - Andhra Pradesh Irrigation and Livelihood Improvement Project (APILIP)-II - Fixing of rate structure for Survey investigation and Designs (SID) works and preparation of Detailed Project Reports (DPRs) relating to Minor and Medium Irrigation Sub-Projects through outsourcing – Orders - Issued.

WATER RESOURCES (MIG) DEPARTMENT

G.O.MS.No. 38 **Dated: 14-03-2016**

Read the following:-

1. G.O.Ms.No.22, I&CAD (PW-EA)Dept.dt.07.02.2008.
2. Secretary, WRD Letter No: 4110/ MIG-2 /2015 Dt 14-05-2015.
3. Commissioner's CAD & Secretary to WRD, Hyd. Letter No Com/CAD/APILIP-II/ DEE-I / 302 /2014 Dt. 05.08.2015.
4. Commissioner's CAD & Secretary to WRD, Hyd. Lr.No.COM/CAD/APILIP-II/ DEE-I/125/2015 Dt.21.11.2015.

****

ORDER:

In the letter 2nd read above, the Government of 'Andhra Pradesh has submitted the Project Concept note on Andhra Pradesh Integrated Water Management and Post Harvest Investment Promotion Project (AP – IWMPHIP) renamed as Andhra Pradesh Irrigation and Livelihood Improvement Project (APILIP) -II with JICA assistance consisting the modernization of 21 Medium Irrigation Projects and restoration of 485 Minor Irrigation tanks with an outlay of Rs. 2000 Crores to the Ministry of Water Resources, Government of India for approval.

2. In the letter 4th read above, the Commissioner, CAD has submitted a proposal for fixing of rate structure for Survey, investigation and Designs (SID) works and preparation of Detailed Project Reports (DPRs) relating to Minor and Medium Irrigation Sub-Projects through outsourcing under APILIP-II. The Commissioner, CAD has reported that a committee was constituted with State Project Director (SPD), APILIP as Chairman, Chief Engineer, Minor Irrigation, Chief Engineer, Ananthapuram and State Consultant (NMSA) as members and Superintending Engineer, APILIP, CAD as convener for defining the scope, empanelment of agencies and fixing of rate structure for Survey Investigation and Designs (SID) and other works in preparation of Detailed Project Reports (DPRs) for getting the loan assistance from JICA. The Committee has met 3 times in a row and discussed on the preparation of DPRs for the schemes to be taken up under APILIP-II with JICA assistance as per CWC guidelines and JICA norms and rate structure to be adopted for preparation of DPRs through outsourcing due to lack of staff and time and the recommendations are submitted as follows.

I. Rate Structure for preparation of DPRs for Modernization of Medium Irrigation Projects and scope :

i) Average rate including soil testing charges = 270/- per Acre + 20,000/- per each project for data collection.
ii) Average rate excluding soil testing charges = 216/- per Acre + 20,000/- per each project for data collection.

The above rates are inclusive of the following components.

a) Detailed survey of canal system, preparation of Hydraulic particulars and drawings.
b) Site surveys of CD & CM works, preparation of required designs and drawings.
c) Preparation of Land Plan schedules.

…contd]

d) Collection of leads of materials, preparation of rate analysis and cost estimates.
e) Collection of Hydrological data.
f) Collection of meteorological data.
g) Socio-economic aspects.
h) Collection of Ground Water Data.
i) Cropping pattern.
j) Benefit cost ratio of the Project.
k) Hydrological calculations as per CWC norms.
l) Water balance studies as per JICA norms.
m) Any other data required by JICA team.

II. <u>Rate Structure for preparation of DPRs for Restoration of Minor Irrigation Projects and scope :</u>

Sl.No.	**Ayacut of Schemes**	**Present proposal including Rs. 10,000/- per each tank for data collection.**
1	Schemes up to 100 acres	Rs.75,000/-
2	Schemes from 101 to 1000 acres	Rs.55,000/- + Rs.315/- per acre over and above 100 acres (Subject to minimum of Rs. 75,000/-)
3	Schemes from 1001 to 5000 acres	Rs.3,38,000/- + Rs.270/- per acre over and above 1000 acres (Limited to Rs.13,50,000/-)

3. The above rates are inclusive of the following components.
a) Survey of head work and canal system, fixing of alignment duly connecting with. GTS bench mark and preparation of plans.
b) Reservoir block leveling, fixing of standards of the head work and working out the hydrology.
c) Block leveling of áyacut', collecting village áyacut maps, preparation of HP's plans, ayacut maps and ayacut registers.
d) Designs of head works, CD and CM works of canals and preparation of drawings.
e) Preparation of Land plan Schedules.
f) Collection of lead of materials, preparation of data and cost estimates and DPRs.
g) Collection of Hydrological data.
h) Collection of meteorological data.
i) Socio-economic aspects.
j) Collection of Ground Water Data.
k) Cropping pattern.
l) Benefit cost ratio of the Project.
m) Hydrological calculations as per CWC norms.
n) Water balance studies as per JICA norms.
o) Any other data required by JICA team.

4. The Commissioner, CAD has requested the Government to accord administrative sanction for an amount of Rs.10,97,20,650/- for carrying out the survey, Investigations and designs (SID) works for the Minor and Medium Irrigation sub-projects and preparation of Detailed Project Reports (DPRs) under Andhra Pradesh Irrigation and Livelihood Improvement Project (APILIP-II).

5. The Government after careful examination of the proposal hereby accord administrative approval for an amount of Rs. 10,97,20,650/- (Rupees ten crores ninety seven lakhs twenty thousand, six hundred and fifty) for carrying out the survey, Investigations and designs (SID) works for the Minor

…contd]

and Medium Irrigation sub-projects and preparation of Detailed Project Reports (DPRs) under Andhra Pradesh Irrigation and Livelihood Improvement Project (APILIP) –II.

6. The Government also hereby accept recommendations of the Technical Committee constituted in the letter third read above, on rate structure for fixing rate structure for for carrying out the survey, Investigations and designs (SID) works for the Minor and Medium Irrigation sub-projects through outsourcing under Andhra Pradesh Irrigation and Livelihood Improvement Project (APILIP) –II.

7. The amount sanctioned para 5 above shall be debited to the head of account "**4702-00- 101 – 03 – SH (11) – 280 – 284** – Other payments.

8. The Commissioner, CAD shall take necessary action accordingly.

9. This order issues with the concurrence of Finance (PMU) Department vide U.O.Note.No. 47027/69/(FMU WRD I)/2016, dt.26.02.2016.

(BY ORDER AND IN THE NAME OF THE GOVERNER OF ANDHRA PRADESH)

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

To
The Commissioner, CAD,
The Engineer-in-Chief (AW), Jalasoudha,Errum Manzil, Hyderabad.
The Engineer-in-Chief (irrigation), Jalasoudha, Errum Manzil, Hyderabad.
The Chief Engineer, Minor Irrigation, Jalasoudha,Errum Manzil, Hyderabad
The Chief Engineer, Ananthapuram.
The Accountant General, Andhra Pradesh, Hyderabad.

Copy to:

The Finance (PMU) Department.
P S to Minister (WRD),
P S to Secretary to Government (WRD)

//FORWARDED :: BY ORDER//

SECTION OFFICER